For research purposes only, not for human use

Product Data Sheet

Anti-OGG1 Antibody

Catalog #	Source	Reactivity	Applications
CQA2722	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to OGG1
Immunogen	Recombinant full length protein of human OGG1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of OGG1 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	OGG1
Alternative Names	MMH; MUTM; OGH1; N-glycosylase/DNA lyase
Entrez Gene	4968 (Human); 18294 (Mouse); 81528 (Rat)
SwissProt	O15527 (Human); O08760 (Mouse); O70249 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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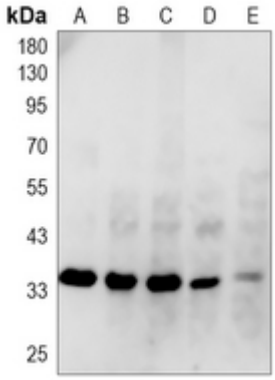
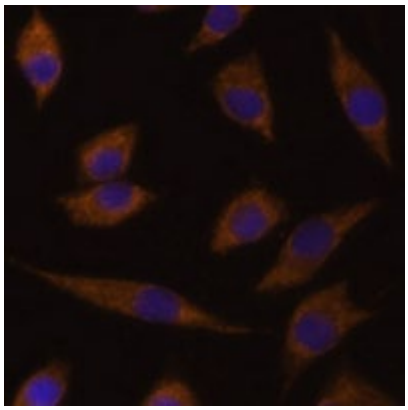


Western blot analysis of OGG1 expression in H1792 (A), LO2 (B), A2780 (C), mouse kidney (D), rat lung (E) whole cell lysates. (Predicted band size: 22; 36; 38; 39; 40; 45; 47 kD; Observed band size: 36 kD)



Immunohistochemical analysis of OGG1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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